

Converting Colors

XYZ(44.2831, 42.3598, 42.0186)

Have a look what the booklet for
XYZ(44.2831, 42.3598, 42.0186)
contains.

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Color

**XYZ(44.3386, 42.3050,
41.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A6A6
RGB	200, 166, 166
RGB Percent	78%, 65%, 65%
CMY	0.2157, 0.3490, 0.3490
CMYK	0.00, 0.17, 0.17, 0.22
HSL	0°, 24%, 72%
HSV	0°, 17%, 78%
XYZ	44.3386, 42.3050, 41.9052
YIQ	176.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

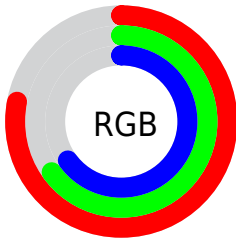
Format	Color
R _{YB}	200, 166, 166
Decimal	13149862
CIE _{Lab}	71.08, 12.43, 4.66
CIE _{LCh}	71, 13.276, 20.551
Yxy	42.3050, 0.3449, 0.3291
Android (android.graphics.Color)	4291339942 (0xFFC8A6A6)
YUV	176.1660, -5.0118, 20.9024
Hunter-Lab	65.0423, 7.8574, 7.3305

Details

The XYZ color **44.3386, 42.3050, 41.9052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8051, 53.5844, 62.5199**, and the grayscale version is **41.3723, 43.5269, 47.4008**.

A 20% lighter version of the original color is **80.1476, 78.1934, 79.2752**, and **20.9086, 19.3605, 18.5545** is the 20% darker color. If you saturate the color by 10%, you get **39.2880, 34.9148, 31.8631**, and if you desaturate by 10%, it is **50.2422, 50.9437, 53.6402**.

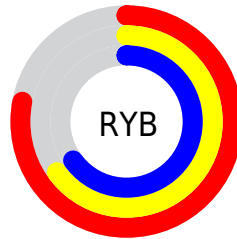
Distribution



Red (78%)

Green (65%)

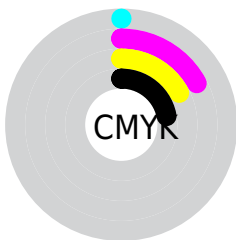
Blue (65%)



Red (78%)

Yellow (65%)

Blue (65%)

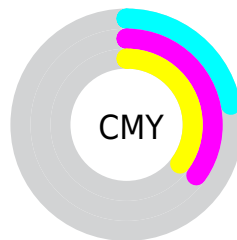


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3386, 42.3050, 41.9052 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.3386, 42.3050, 41.9052 by changing the saturation by 10% instead.


 44.3386, 42.3050,
41.9052


 44.3386, 42.3050,
41.9052


354.9172,
355.7457, 369.8779

 31.1358, 29.3402,
28.7021


 80.9702, 78.6610,
79.3247

 20.8546, 19.3383,
18.6119


 105.1298,
102.8210, 104.3781

 13.1296, 11.9150,
11.2162

133.6723,
131.4815, 134.2186

 7.5955, 6.6858,
6.0965

166.9632,
165.0270, 169.2649

 3.8868, 3.2664,
2.8341

205.3678,
203.8417, 209.9354

 1.6383, 1.2723,
1.0106

249.2514,

 0.4172, 0.1196,

248.3102, 256.6487

0.0000

298.9794,
298.8167, 309.8234

■ 0.0000, 0.0000,
0.0000

■ 44.3386, 42.3050,
41.9052

■ 44.3386, 42.3050,
41.9052

■ 39.2880, 34.9148,
31.8631

■ 50.2422, 50.9437,
53.6402

■ 35.0476, 28.7099,
23.4334

■ 57.0318, 60.8787,
67.1383

■ 31.5764, 23.6305,
16.5328

■ 64.7433, 72.1625,
82.4690

■ 28.8282, 19.6091,
11.0698

■ 73.4091, 84.8428,
99.6972

■ 26.7521, 16.5711,
6.9429

■ 77.6296, 91.0195,
108.0847

■ 25.2904, 14.4321,
4.0376

■ 24.3759, 13.0937,
2.2199

■ 23.9178, 12.4233,
1.3096

■ 23.8198, 12.2799,
1.1148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5670, 42.3050, 48.0983



44.3386, 42.3050, 41.9052



42.9821, 42.3050, 37.2568

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.3386, 42.3050, 41.9052



37.0041, 42.3050, 38.7268



39.5132, 42.3050, 59.1987

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.3386, 42.3050, 41.9052



46.8051, 53.5844, 62.5199

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.5591, 42.3050, 56.1577



44.3386, 42.3050, 41.9052



36.1460, 42.3050, 44.0858

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.3386, 42.3050, 41.9052



38.7304, 42.3050, 35.5423



36.3453, 42.3050, 50.4870



41.7261, 42.3050, 58.4784

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3386, 42.3050, 41.9052



41.6471, 42.3050, 35.4747



36.3453, 42.3050, 50.4870



38.8056, 42.3050, 58.5727

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.3398, 42.3069, 41.9061



89.1316, 91.3399, 97.1340



47.8815, 43.7225, 60.5597



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3398, 42.3069, 41.9061



73.7333, 68.8080, 66.5218



47.6363, 48.9000, 43.0049



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



0.7172, 0.3698, 0.0336

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8051, 53.5844, 62.5199



78.7101, 91.5738, 108.1348



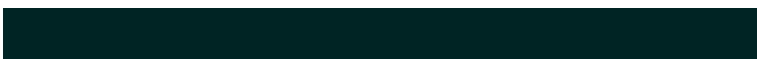
43.0852, 46.1447, 61.2800



10.9467, 12.0674, 13.6698



19.7584, 28.9107, 39.2833



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 44.3386, 42.3050, 41.9052 looks on a white background.

Color Contrast Check

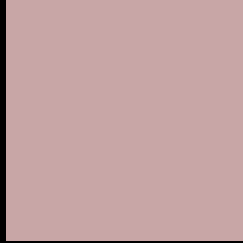
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.3386, 42.3050, 41.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3386, 42.3050, 41.9052

Background



This preview shows how black text looks on a background with the XYZ color 44.3386, 42.3050, 41.9052.



This preview shows how white text looks on a background with the XYZ color 44.3386, 42.3050,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.3386, 42.3050, 41.9052

Protanopia

40.5594, 42.2544, 44.0484

Deuteranopia

43.1337, 42.2278, 41.9538



Tritanopia

45.2987, 42.1428, 47.3418

Trichromacy



Original Color

44.3386, 42.3050, 41.9052

Protanomaly

41.7859, 42.0531, 43.4508

Deuteranomaly

43.4666, 42.1264, 41.9167

Tritanomaly

45.0854, 42.3449, 45.3323

Monochromacy



Original Color

44.3386, 42.3050, 41.9052

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.2065, 42.7979, 45.0660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3386, 42.3050, 41.9052 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.3386, 42.3050, 41.9052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 166, 166) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 166, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3386, 42.3050, 41.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
166, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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